2176 #5

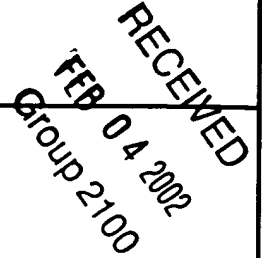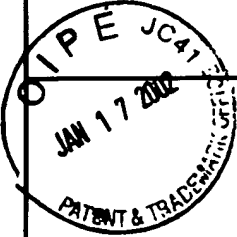| CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) | Docket No. |
| Applicant(s): Spangler | ARC9-2000-0079-US1 |

| Serial No. 09/669,680 | Filing Date September 26, 2000 | Examiner H. Herndon | Group Art Unit 2176 |

Invention: **A METHOD FOR ADAPTING A K-MEANS TEXT CLUSTERING TO EMERGING DATA**

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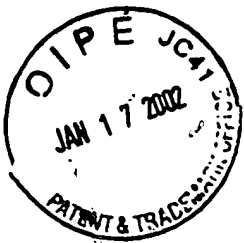
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

William Scott Spangler

Serial No.: 09/669,680   Group Art Unit: 2176

Filed: September 26, 2000   Examiner: H. Herndon

For: A METHOD FOR ADAPTING A K-MEANS TEXT CLUSTERING
       TO EMERGING DATA

Assistant Commissioner of Patents
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

     Submitted herewith are three (3) sheets of formal drawings comprising Figs. 1-3 for the

above-referenced patent application. Acknowledgment of receipt is respectfully requested. Please

substitute these formal drawings for the drawings which were filed with the application.

                          Respectfully Submitted,

                          Frederick W. Gibb, III
                          Reg. No. 37,629

Date: 11/2/01

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